

**Table 3-1**

**Sampling Locations And Rationale  
Impact Area Near Stump Dump, Parcel 135Q-X  
Fort McClellan, Calhoun County, Alabama**

<b>Sample Location</b>	<b>Sample Media</b>	<b>Sample Location Rationale</b>
HR-135Q-MW01	Surface soil Subsurface soil Groundwater	Surface soil, subsurface soil, and groundwater samples were collected on the southern side of Parcel 135Q-X to determine if contaminant releases into the environment have occurred from use of this area.
HR-135Q-MW02	Surface soil Subsurface soil Groundwater	Surface soil, subsurface soil, and groundwater samples were collected on the western side of Parcel 135Q-X to determine if contaminant releases into the environment have occurred from use of this area.
HR-135Q-GP01	Surface soil Subsurface soil	Surface soil and subsurface soil samples were collected on the northern side of Parcel 135Q-X, adjacent and downslope of one of the depressions to determine if contaminant releases into the environment have occurred from use of this area.
HR-135Q-GP02	Surface soil Subsurface soil	Surface soil and subsurface soil samples were collected near the center of Parcel 135Q-X, adjacent and downslope of one of the depressions to determine if contaminant releases into the environment have occurred from use of this area.

Table 3-2

**Soil Sample Designations and QA/QC Samples  
Impact Area Near Stump Dump, Parcel 135Q-X  
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Designation	Sample Depth (ft bgs)	QA/QC Samples			Analytical Suite
			Field Duplicates	Field Splits	MS/MSD	
HR-135Q-MW01	HR-135Q-MW01-SS-YR0001-REG	0-1			HR-135Q-MW01-DS-YR0002-MS HR-135Q-MW01-DS-YR0002-MSD	TAL Metals, Explosives, and Perchlorate
	HR-135Q-MW01-DS-YR0002-REG	10-12				
HR-135Q-MW02	HR-135Q-MW02-SS-YR0003-REG	0-1				TAL Metals, Explosives, and Perchlorate
	HR-135Q-MW02-DS-YR0004-REG	4-6				
HR-135Q-GP01	HR-135Q-GP01-SS-YR0005-REG	0-1	HR-135Q-GP01-SS-YR0006-FD	HR-135Q-GP01-SS-YR0007-FS		TAL Metals, Explosives, and Perchlorate
	HR-135Q-GP01-DS-YR0008-REG	3-5				
HR-135Q-GP02	HR-135Q-GP02-SS-YR0009-REG	0-1				TAL Metals, Explosives, and Perchlorate
	HR-135Q-GP02-DS-YR0010-REG	5-7				

FD - Field duplicate.

FS - Field split.

ft bgs - Feet below ground surface.

MS/MSD - Matrix spike/matrix spike duplicate.

QA/QC - Quality assurance/quality control.

REG - Field sample.

TAL - Target analyte list.

**Table 3-3**

**Monitoring Well Construction Summary  
Impact Area Near Stump Dump, Parcel 135Q-X  
Fort McClellan, Calhoun County, Alabama**

<b>Monitoring Well</b>	<b>Northing</b>	<b>Easting</b>	<b>Ground Elevation (ft above msl)</b>	<b>TOC Elevation (ft above msl)</b>	<b>Well Depth (ft bgs)</b>	<b>Screen Length (ft)</b>	<b>Screen Interval (ft bgs)</b>	<b>Well Material</b>
HR-135Q-MW01	1171551.11	676592.73	905.84	907.95	39	15	22 - 37	2" ID SCH 40 PVC
HR-135Q-MW02	1171858.09	676797.02	922.83	925.47	39	15	22 - 37	2" ID SCH 40 PVC

Permanent monitoring wells installed using hollow-stem auger.

Horizontal coordinates referenced to the U.S. State Plane Coordinate System, Alabama East Zone, North American Datum of 1983 (NAD83).

Elevations referenced to the North American Vertical Datum of 1988 (NAVD88).

2" ID Sch. 40 PVC - 2-inch inside diameter, Schedule 40, polyvinyl chloride.

bgs - Below ground surface.

ft - Feet.

msl - Mean sea level.

TOC - Top of casing.

**Table 3-4**

**Groundwater Elevations  
Impact Area Near Stump Dump, Parcel 135Q-X  
Fort McClellan, Calhoun County, Alabama**

<b>Well Location</b>	<b>Date</b>	<b>Depth to Water (ft BTOC)</b>	<b>Top of Casing Elevation (ft above msl)</b>	<b>Ground Elevation (ft above msl)</b>	<b>Groundwater Elevation (ft above msl)</b>
HR-135Q-MW01	19-Jun-01	16.00	907.95	905.84	891.95
HR-135Q-MW02	19-Jun-01	10.92	925.47	922.83	914.55

Elevations referenced to the North American Vertical Datum of 1988 (NAVD88).

BTOC - Below top of casing.

ft - Feet.

msl - mean sea level.

**Table 3-5**

**Groundwater Sample Designations and QA/QC Samples  
Impact Area Near Stump Dump, Parcel 135Q-X  
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Designation	QA/QC Samples			Analytical Suite
		Field Duplicates	Field Splits	MS/MSD	
HR-135Q-MW01	HR-135Q-MW01-GW-YR3001-REG			HR-135Q-MW01-GW-YR-3001-MS/MSD	TAL Metals, Explosives, Perchlorate
HR-135Q-MW02	HR-135Q-MW02-GW-YR3002-REG	HR-135Q-MW02-GW-YR3003-FD	HR-135Q-MW02-GW-YR3004-FS		TAL Metals, Explosives, Perchlorate

Groundwater samples were collected from the approximate midpoint of the saturated screened interval of the monitoring well.

FD - Field duplicate sample.

FS - Field split sample.

MS/MSD - Matrix spike/matrix spike duplicate.

QA/QC - Quality assurance/quality control.

REG - Field sample.

TAL - Target analyte list.

**Table 3-6**

**Groundwater Field Parameters  
Impact Area Near Stump Dump Parcel 135Q-X  
Fort McClellan, Calhoun County, Alabama**

<b>Sample Location</b>	<b>Sample Date</b>	<b>Specific Conductivity (mS/cm)</b>	<b>Dissolved Oxygen (mg/L)</b>	<b>ORP (mV)</b>	<b>Temperature (°C)</b>	<b>Turbidity (NTU)</b>	<b>pH (SU)</b>
HR-135Q-MW01	31-Oct-00	0.024	8.08	435	23.5	10	5.38
HR-135Q-MW02	1-Nov-00	0.100	4.01	550	24.3	10	8.47

°C - Degrees Celsius.

mg/L - Milligrams per liter.

mS/cm - Millisiemens per centimeter.

mV - Millivolts.

NTU - Nephelometric turbidity units.

ORP - Oxidation-reduction potential.

SU - Standard units.